

**From:** [David Abshire](#)  
**To:** [Gary Moore](#)  
**Subject:** Re: Fw: Assistance Requested  
**Date:** 01/10/2013 01:10 PM

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Been in training.

solidified material must have an unconfined compressive strength (UCS) based on the use of the area (e.g. building area ~50psi; remote ~25psi - but this is on a site specific basis, could be lower psi)

No free liquids after solidification - must pass the filter test; many things can be used to bind the liquid, even soil.

Place solidified material in Subtitle "C" cell if solidified material has a SPLP leachate test above the risk/protective level.

if using sorbent material, only certain sorbents can be used. Sorbents should not increase temperature to the point of combustion.

We can discuss if the area you are working in will allow other UCS, etc.

Charles David Abshire  
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Phone: 214-665-7188  
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▼ [Gary Moore---01/10/2013 10:16:32 AM---David: Does EPA have any specific technical criteria for S/S?](#)

From: Gary Moore/R6/USEPA/US  
To: David Abshire/R6/USEPA/US@EPA  
Date: 01/10/2013 10:16 AM  
Subject: Re: Fw: Assistance Requested

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David:

Does EPA have any specific technical criteria for S/S?

Gary Moore  
Federal On-Scene Coordinator  
EPA Region 6  
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Work: 214-665-6609  
email: [moore.gary@epa.gov](mailto:moore.gary@epa.gov)

▼ [David Abshire---01/10/2013 07:22:00 AM---As my voice mail to you yesterday stated, my remote workplace connection was disabled because of McW](#)



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From: David Abshire/R6/USEPA/US  
To: Carlos Sanchez/R6/USEPA/US@EPA  
Cc: Gary Moore/R6/USEPA/US@EPA  
Date: 01/10/2013 07:22 AM  
Subject: Re: Fw: Assistance Requested

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As my voice mail to you yesterday stated, my remote workplace connection was disabled because of McWord updates; however, here it is.  
There was some barge cleaning liquids placed in the pits at the Malone Service Site in Texas City, Texas, but I believe it was a very small volume. Most of the pit liquids are from chemical and oil & gas plants in the Texas City area.

The first attached is the treatability study work plan; the following two are for the "bench-scale" treatability study document, which followed the work plan.

.[attachment "Malone - Additional Stabilization Work Plan (Rev 1 - Aug 24, 2007).pdf" deleted by David Abshire/R6/USEPA/US]

[attachment "FinalTSrptCoverLtr(2-28-8).pdf" deleted by David Abshire/R6/USEPA/US] [attachment "Malone TS Final Report.pdf" deleted by David Abshire/R6/USEPA/US]

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▼ Carlos Sanchez---01/09/2013 11:37:25 AM---Do you guys have a site or know of a site where this was considered or even done. Malone? Thanks C

From: Carlos Sanchez/R6/USEPA/US  
To: Gary Miller/R6/USEPA/US@EPA, David Abshire/R6/USEPA/US@EPA, Rafael Casanova/R6/USEPA/US@EPA  
Date: 01/09/2013 11:37 AM  
Subject: Fw: Assistance Requested

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Do you guys have a site or know of a site where this was considered or even done. Malone? Thanks CAS

Carlos A. Sanchez  
Chief, AR/TX Section  
Region 6, Superfund Division (6SF-RA)  
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----- Forwarded by Carlos Sanchez/R6/USEPA/US on 01/09/2013 11:22 AM -----

From: Gary Moore/R6/USEPA/US  
To: sanchez.carlos@epa.gov

Carlos:

I am working on a site where we want to solidify some old barge cleaning waste pits in place. Do you know of any sites that have been done under the remedial program that may have some treatability study information where criteria are discussed?

Thanks

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